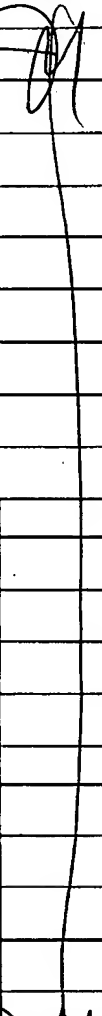


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<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	First Named Inventor: Jian-Ku Shang	
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	Z4	3,520,805	07/1970	Ryan			
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	Z8	3,853,721	12/1974	Darlington et al.			
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	Z13	4,125,486	11/1978	Uzumaki et al.			
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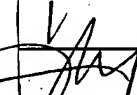
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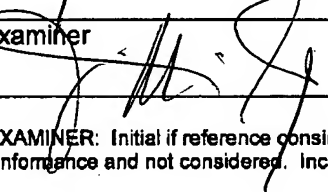
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	Z68	5,710,092	01/1998	Baker			
	Z69	5,759,942	06/1998	Tan et al.			
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	Z78	6,508,962	01/2003	Economy et al.			
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	Z83	2005/0202241	09/2005	Shang, et al.			
[Signature]	Z84	3,799,796	03/1974	Hunter			
	Z85	2002/0074292	06/2002	Schlegel, et al.			

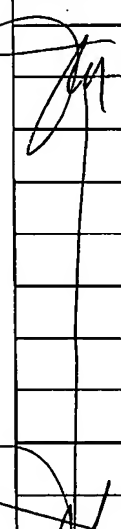
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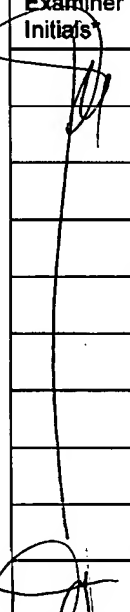
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	Y3	0 036 584 A2	09/1981	EP				X
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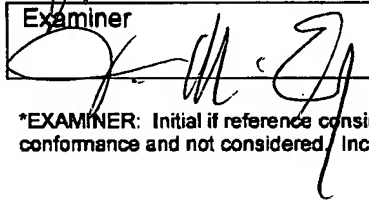
Examiner [Signature]	Date Considered 9/07
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	Y7	0 630 685 A1	12/1994	EP				X
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	Y11	1 415 853	11/1975	GB				
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	Y14	WO 98/34723	08/1998	WO				
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	Y19	JP 56 0044039 A	04/1981	Japan			Abstract	

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	X11	"Ion Exchangers", Dorfner, editor, pp. 28-45 and 206-285, 1990.	
	X12	Economy, et al, "Adsorption Characteristics of Activated Carbon Fibers", Applied Polymer Symposium No. 29, 199-211, 1976.	

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	X27	Lee, et al., "Vapor adsorption on coal-and wood-based chemically activated carbons (II) adsorption of organic vapors", Carbon, vol. 37, pp. 15-20, 1999.
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	X35	Liu, et al., "Hybrid Mesoporous Materials with Functionalized Monolayers", Chem. Eng. Technol., 21, pp. 97-100, 1998.
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	X37	Mercier, et al., "Heavy Metal Ion Adsorbents Formed by the Grafting of a Thiol Functionality to Mesoporous Silica Molecular Sieves: Factors Affecting Hg(II) Uptake", Environ. Sci. Technol., Vol. 32, No. 18, pp. 2749-2754, 1998.
[Signature]	X38	Molina-Sabio, et al., "Development of Porosity in Combined Phosphoric Acid-Carbon Dioxide Activation", Carbon, vol. 34, No. 4, pp. 457-462, 1996.
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	X45	Search Report for Patent Cooperation Treaty application No. PCT/US 01/41081, 7 pages, Date of Mailing Nov. 9, 2001.
	X46	Search Report for Patent Cooperation Treaty application No. PCT/US 01/19952, 8 pages, Date of Mailing Nov. 14, 2001.
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